



BIOS tasks with priority with waiting period

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Power state resynchronization

M Altmejd, R Russell, E Menezes, DF ... - US Patent 6,795,927, 2004 - Google Patents

... Thus, the inclusion of low **priority tasks** may be generally undesirable. ... The OS mode time was spent **waiting** for a packet, an operation that does not require a performance ... Additional flexibility in calculating the utilization index can be provided by treating specific **tasks** differently. ...

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CPU utilization measurement techniques for use in power management

E Menezes, DF Tobias, R Russell, M ... - US Patent 6,845,456, 2005 - Google Patents

... The **period** of the measurement T is the time between the measurement M1 and M2. The amount of time utilized over the measurement **period** T, for **task A** is A2-A1. ... In addition, the power management software may determine not to include **tasks** below a certain **priority**. ...

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Method and apparatus for improving responsiveness of a power management system in a computing device

DF Tobias, E Menezes, R Russell, M ... - US Patent 7,647,513, 2010 - Google Patents

... 12,2010 Sheet 3 of 5 **TASKS MEASUREMENT 1 MEASUREMENT 2 PRIORITY TASK A A1 A2 HIGH ... C1 B2 MEDIUM M C2 HIGH POWER MGT TASK PM1 PM2 LOW IDLE TASK 11 12** ... For example, the computer's hard drive may be suspended after a certain **period** of inactivity ...

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System and method for controlling an integrated circuit to enter a predetermined performance state by skipping all intermediate states based on the determined ...

DF Tobias, E Menezes, R Russell, M Altmejd - 2007 - [freepatentsonline.com](#)

... may choose to ignore certain **tasks**, such as those **tasks** that have low **priority**, and may ... from the VID/FID register and the shmoov class table maintained in **BIOS** or elsewhere ... The resynchronization **task** does a comparison and if the comparison indicates a mismatch between the ...

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JJ Labrosse - 2002 - [books.google.com](#)

... **Task**,**OSTimeDlyResume()** 150 5.03 System Time, **OSTimeGet()** and **OSTimeSet()** 151 Chapter 6 Event Control Blocks 153 6.00 Placing a **Task** in the ECB Wait List 156 6.01 Removing a **Task** from an ECB Wait List 157 6.02 Finding the Highest Priority **Task Waiting** on an ECB ...

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[PDF] [The Role of Texas Instruments' DSP/BIOS in Implementation of Real-Time Digital Signal Processing Algorithms and Systems](#)

It.com [PDF]

M Hart, N Dahouni - focus.ti.com

... printing. TRC Trace manager Enables the switching of which statistics and logs are being recorded. TSK Multitasking manager Manipulation of the execution of **task** objects of varying **priority**. Table 1 – DSP/BIOS modules These ...

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[Task execution controller, task execution control method, and program](#)

M Tsujino, K Hayashi - US Patent App. 11/602,954, 2006 · Google Patents

... data. Examples of programs to be permanently stored include a **BIOS**. [0052 ... wait state. Upon completion of the higher **priority task**, a **task** having a next highest **priority** among the remaining **tasks** is executed next. That it ...

[\[CITATION\] The SPHERES Guest Scientist Program: collaborative science on the ISS](#)

J Enright, M Hilliard, A Saenz-Otero, D Miller - 2004 IEEE Aerospace Conference, ... 2004

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openpolytechnic.ac.nz [PDF]

T McCall - 2002 - openpolytechnic.ac.nz

... A non-priority scheduler will execute the **task** that has been **waiting** the longest for service. ... **Tasks** running in a multitasking environment may elect to block themselves while they are themselves **waiting** for some event, such as a character to be received on the RS232c port. ...

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[Quality of service over paths having a wireless-link](#)

A Ayyagari, Y Bernet, TM Moore - US Patent App. 09/792,765, 2001 · Google Patents

... together to ensure earlier transmission of higher **priority** packets than packets having lower **priority**. ... invention may also be practiced in distributed computing environments where **tasks** are performed ...

A basic input/output system (**BIOS**) 133, containing the basic routines that help ...

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